

1 RE-ORDERING REQUESTS FOR SHARED RESOURCES

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3 Abstract of the Disclosure

4 In accordance with one embodiment, a method re-orders requests for
5 shared resources. The method includes receiving requests for accessing the shared
6 resources from one or more requestors, wherein a plurality of requests may be
7 received from each requestor; arbitrating between the plurality of requests in such a
8 way so that the plurality of requests from each requestor may be re-ordered in non-
9 FIFO order; and selecting a next request to access the shared resources based on
10 the re-ordering of requests. In accordance with another embodiment, a system re-
11 orders requests for shared resources. The system includes one or more requestors
12 for sending requests for accessing the shared resources, wherein a plurality of
13 requests may be received from each requestor; and an arbiter for arbitrating between
14 the plurality of requests in such a way so that the plurality of requests from each
15 requestor may be re-ordered in non-FIFO order.